



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
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Washington, D.C. 20231

SEPTEMBER 25, 2001

PTAS

KENYON & KENYON  
FRED T. GRASSO  
1500 K STREET, N.W., SUITE 700  
WASHINGTON, DC 20005



\*101787057A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY., SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/13/2001

REEL/FRAME: 011991/0993

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ACT MEDICAL, INC.

DOC DATE: 01/04/2001

ASSIGNEE:

SCIMED LIFE SYSTEMS, INC.  
ONE SCIMED PLACE  
MAPLE GROVE, MINNESOTA 55311-1566

SERIAL NUMBER: 09902636

FILING DATE: 07/12/2001

PATENT NUMBER:

ISSUE DATE:

JEEVON JONES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

07-25-2001



101787057

## COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

NLY

PTO

09/902636

07/12/01

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

ACT MEDICAL, INC.  
150 California Street  
Newton, MA 03458

07/12/01

Additional name(s) of conveying party(ies) attached?  Yes  No

## 3. Nature of conveyance:

Assignment       Merger  
 Security Agreement       Change of Name

Execution Date: January 4, 2001

## 2. Name and address of receiving party(ies):

Name: SCIMED LIFE SYSTEMS, INC.  
Internal Address:  
Street Address: One Scimed Place  
Maple Grove, MN 55311-1566

Additional name(s) & address(es) attached?  Yes  No

## 4. Application number(s) or patent number(s); 60/226,901 filed 8/23/01

If this document is being filed together with a new application, the execution date of the application is: HEREWITH

## A. Patent Application No.(s)

09/902636

## B. Patent No.(s)

Additional numbers attached:  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Fred T. Grasso  
Kenyon & Kenyon  
1500 K Street, N.W., Suite 700  
Washington, DC 20005

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) ..... \$40.00

Enclosed  
 Authorized to be charged to deposit account

## 8. Deposit account number:

11-0600

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Fred T. Grasso  
Name of Person Signing

July 12, 2001  
Date

07/24/2001 LMUELLER 00000147 110600

09902636

Total number of pages including cover sheet, attachments, and document: 3

01 FC:581

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## ASSIGNMENT

WHEREAS, ACT Medical, Inc., having an office at 150 California Street, Newton, Massachusetts 03458 (hereinafter referred to as "the Assignor"), owns the entire right, title and interest in and to the application and invention herein described and claimed and any Letters Patent that may be issued upon the application or for the improvements therein contained for METHOD AND APPARATUS FOR PULLING STRINGS IN A MEDICAL DEVICE, for which a provisional application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on August 23, 2000, and assigned Serial Number 60/226,901; and

WHEREAS, Scimed Life Systems, Inc., a Minnesota corporation with its principal offices located at One Scimed Place, Maple Grove, Minnesota 55311-1566, U.S.A., (hereinafter also referred to as "the Assignee"), is desirous of acquiring the entire right, title and interest in and to the application and invention therein described and claimed and any Letters Patent that may be issued upon the application or for the improvements contained therein;

NOW, THEREFORE, in consideration of One U.S. Dollar (U.S. \$1.00) and other valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, and in accordance with agreements between Boston Scientific Corporation (a corporation in which Scimed Life Systems, Inc. is a subsidiary) and ACT Medical, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.
2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise.
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance.

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

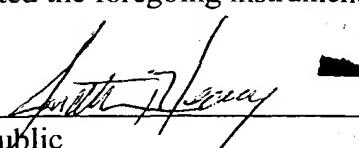
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_  
day of 1/4, 2000.

  
Title: Brian J. Cawley  
ACT Medical, Inc.

United States of America )

State/Commonwealth of MA ) ss.:  
County of Middlesex )

On this 4 day of JAN, 2000, before me personally came Stuart Rawle  
to me known to be the individual described in and who executed the foregoing instrument,  
and acknowledged execution of same.

  
\_\_\_\_\_  
Notary Public

## ASSIGNMENT

WHEREAS, we, Richard Fortier, a United States citizen residing at 150 Old Pickard Road in Concord in the County of Middlesex, MA 01742; Margaret McCabe, a United States citizen residing at 39370 Mozart Terrace, #209, in Fremont in the County of Alameda, CA 94538; and Mark Bowen, a United States citizen residing at 12 Red Acre Road in Stow in the County of Middlesex, MA 01775 (hereinafter also referred to as "the Assignors") have invented new and useful improvements in METHOD AND APPARATUS FOR PULLING STRINGS IN A MEDICAL DEVICE, for which we are making provisional application for Letters Patent of the United States; said application being filed in the United States Patent and Trademark Office on August 23, 2000, and assigned Serial No. 60/226,901;

WHEREAS, ACT MEDICAL, INC., organized and existing under and by virtue of the laws of the State of Massachusetts, having an office at 150 California Street, Newton MA 03458 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title and interest in and to the application and invention therein described and claimed and any Letters Patent that may be issued upon the application or for the improvements therein contained.

NOW, THEREFORE, in consideration of One U.S. Dollar (U.S. \$1.00) and other valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.
2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise.
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance.

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 4<sup>th</sup>  
day of Jan., 2000  
1001

Richard Fortier  
Richard Fortier

United States of America )

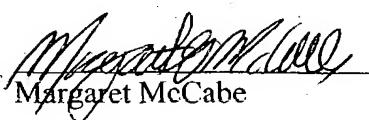
State/Commonwealth of MA ) ss.:

County of Middlesex )

On this 4 day of Jan 2000, before me personally came **Richard Fortier** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of same.

Santil Moay  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 23  
day of January, 2000.  
2001

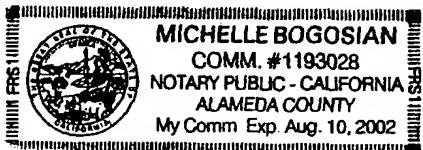
  
Margaret McCabe

United States of America )

State/Commonwealth of California ) ss.:

County of Alameda )

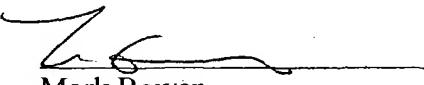
On this 23 day of Jan. 2000, before me personally came **Margaret McCabe** to  
me known to be the individual described in and who executed the foregoing instrument, and  
acknowledged execution of same.



  
Michelle Bogosian

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 4<sup>th</sup>  
day of Jan., 2000. 2001

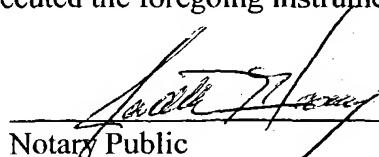
  
Mark Bowen

United States of America )

State/Commonwealth of MA ) ss.:

County of Middlesex )

On this 4 day of JAN 2000, before me personally came **Mark Bowen** to me  
known to be the individual described in and who executed the foregoing instrument, and  
acknowledged execution of same.

  
Mark Bowen

Notary Public

00-0083  
10546/57502

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**DECLARATION**

As below named inventors, we hereby declare that:

Our residence, post office addresses, and citizenship are as stated below next to our name.

We believe we are the original, and first inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled **METHOD AND APPARATUS FOR ACCURATELY DEPLOYING PARTICULAR MEDICAL APPLIANCES AT A TARGET SITE**, the application for which is filed herewith in the United States Patent and Trademark Office.

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this declaration.

We acknowledge the duty to disclose all information known to us to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

We hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

We hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56, which became available between the filing date of

00-0083  
10546/57502

the prior application and the national or PCT international filing date of this application:

Application Number

60/226,901

Filing Date

August 23, 2000

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of inventor one : Richard Fortier

Inventor's signature : Richard Fortier

Date : June 7, 2001

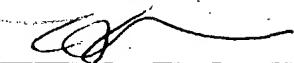
Residence : 150 Old Pickard Road  
Concord, MA 01742

Citizenship : United States of America

Post Office Address : (same as above)

00-0083  
10546/57502

Full name of inventor two : Mark Bowen

Inventor's signature : 

Date : 6/6/2001

Residence : 13 Red Acre Road  
Stow, MA 01775

Citizenship : United States of America

Post Office Address : (same as above)

00-0083  
10546/57502

Full name of inventor three : Margaret McCabe

Inventor's signature : 

Date : 6/6/01

Residence : 39370 Mozart Terrace, #209  
Fremont, CA 94538

Citizenship : United States of America

Post Office Address : (same as above)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s): Richard Fortier, Mark Bowen and Margaret McCabe

Group Art Unit: To Be Assigned

Serial No.: Not Yet Assigned

Examiner: To Be Assigned

Filing Date: Herewith

For: METHOD AND APPARATUS FOR  
ACCURATELY DEPLOYING PARTICULAR  
MEDICAL APPLIANCES AT A TARGET SITE

Honorable Commissioner of Patents and Trademarks  
Washington, DC 20231

**GRANT OF POWER OF ATTORNEY PURSUANT TO 37 C.F.R. § 3.71**

SIR:

Assignee hereby appoints: Charles R. Brainard (Reg. No. 21,069); John C. Altmiller (Reg. No. 25,951); Estelle J. Tsevdos (Reg. No. 31,145); Douglas E. Ringel (Reg. No. 34,416); Judith Toffenetti, (Reg. No. 39,048); Kristina Jahns (Reg. No. 41,092); Timothy M. Devlin (Reg. No. 41,706); William M. Merone (Reg. No. 41,993); Paolo M. Trevisan (Reg. No. 45,164); Fred Grasso (Reg. No. 43,644); David Greenbaum (Reg. No. 46,739); Michael Haynes (Reg. No. 40,014); Neil McCarthy (Reg. No. 43,435); Teresa Lavenue (Reg. No. 47,737); Dalia Grimberg (Reg. No. 47,611); Julie Stein (Reg. No. 43,158); Jennifer King (Reg. No. 46,828); Thomas Haag (Reg. No. 47,621); Scott Bluni (Reg. No. 40,916); Mark J. Casey (Reg. No. 37,796); David L. Cavanaugh (Reg. No. 36,476); Luke R. Dohmen (Reg. No. 36,783); Peter J. Gafner (Reg. No. 36,517); Albert K. Kau (Reg. No. 40,672); Steven A. McAuley (Reg. 46,084); Todd P. Messal (Reg. No. 42,883); Robert M. Rauker (40,782); William J. Shaw (Reg. No. 43,111) to prosecute this application and transact all business in the U.S. Patent and Trademark Office connected therewith. All previous Powers of Attorney in connection with this application are hereby revoked. Please send all correspondence to:

Charles R. Brainard  
KENYON & KENYON  
One Broadway  
New York, NY 10004

and direct all phone calls to Charles R. Brainard at (212) 425-7200.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

7/9/01  
Date

Robert M. Rauker  
(Reg. No. 40,782)  
Senior Patent Counsel

on behalf of: Scimed Life Systems

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s): Richard Fortier, Mark Bowen and  
Margaret McCabe

Serial No.: Not Yet Assigned

Filing Date: Herewith

For: METHOD AND APPARATUS FOR  
ACCURATELY DEPLOYING  
PARTICULAR MEDICAL  
APPLIANCES AT A TARGET SITE

Group Art Unit: Unknown

Examiner: Unknown

**Honorable Commissioner of Patents and Trademarks**  
Washington, DC 20231

**CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**

**SCIMED Life Systems, Inc.**, a corporation, certifies that it is the assignee of the entire right, title, and interest in the United States patent application identified above by virtue of an assignment from Act Medical. The assignment is being submitted to the United States Patent and Trademark Office for recordation, and a copy of the assignment and the recordation cover sheet are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

00-0083  
10546-57502

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

7/9/01  
Date

Robert M. Rauker  
Robert M. Rauker  
(Reg. No.40,782)  
Senior Patent Counsel

*on behalf of:*  
Scimed Life Systems, Inc